

R76 Datasheet

Type B (M)

IAEA certified, UN n° 2917-radioactive wastes in Type B (M) cask; by road-ADR

IAEA certified, UN n° 3329-radioactive wastes in Type B (M) cask, fissile; by road-ADR

4 in production (2011—2013)



Application

TRU waste drum

Designed to transport 2 to 5 transuranic waste drums

Polyvalent internal basket has a shielded plug that ensures low radiation levels for loading and unloading phases

Very high pressure and hydrogen explosion resistant design enables handling of high radiolysis / thermolysis material

Specifications

Materials and mechanics

Stainless steel 304L, stripped and passivated for stabilization

Overall Dimensions

Height: 2,225 mm (7.4 ft)

Diameter: 2,210 mm (7.3 ft)

Useful Loading Dimensions

Height: 655 mm (2.2 ft)

Diameter: 1,100 mm (3.7 ft)

Weight

Gross weight: 19,200 kg (42,390 lb)

Maximum load: 400 kg (880 lb)

Activity

Maximum activity: 540 TBq / 400 A2

Maximum radiation level: 260 Sv/h (at drum contact)

Maximum fissile material: 240 g

Maximum thermal power: 30 W